Datasheet for ABIN129634

anti-AJUBA antibody (AA 224-239)

1 Image

Go to Product page

Overview

Quantity:	100 µg
Target:	AJUBA
Binding Specificity:	AA 224-239
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AJUBA antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	This affinity purified antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding aa 224-239 of Human Ajuba.
Isotype:	IgG
Characteristics:	Concentration Definition: by UV absorbance at 280 nm

Target Details

Target:	AJUBA
Alternative Name:	Ajuba (AJUBA Products)
Background:	Human Ajuba (also called JUB protein and ajuba homolog isoform 1) is a LIM domain protein suggested to bind and regulate the activity of Aurora A. Aurora A, which is involved in cell cycle regulation, is upregulated during mitosis, localizing to the centrosomes and microtubule

Target Details

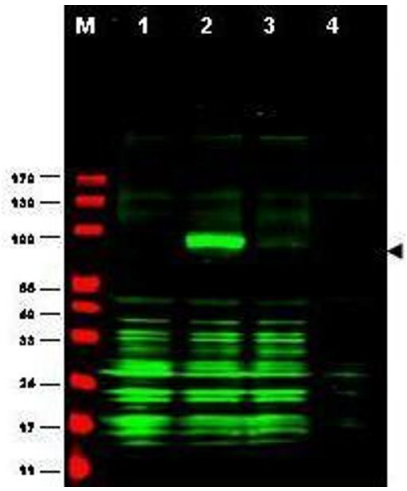
	regions proximal to the centrosomes. Synonyms: Ajuba, JUB protein and ajuba homolog isoform 1
Gene ID:	84962, 14249622
UniProt:	Q96IF1
Pathways:	Chromatin Binding, Cell-Cell Junction Organization

Application Details

Application Notes:	This affinity purified antibody has been tested for use in ELISA and by western blot. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately 57 kDa in size corresponding to Ajuba by western blotting in the appropriate cell lysate or extract.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1.67 mg/mL
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C



Western Blotting

Image 1. Western blot using Affinity Purified anti-Ajuba antibody shows detection of Ajuba-RFP fusion protein in cell lysates (arrow-head). Lanes correspond to 1) vector only trans-fection, 2) human Ajuba-RFP, 3) mouse Ajuba-RFP, and 4) mock transfection. Approximately 50 µg of each lysate was loaded per lane for SDS-PAGE followed by transfer onto nitrocellulose and reaction with a 1:1,700 dilution of anti-Ajuba antibody. Detection occurred using a 1:10,000 dilution of800 conjugated Gt-a-Rabbit IgG [H&L] for 45 min at room temperature (800 nm channel, green). Molecular weight estimation was made by comparison to prestained MW markers (indicated at left, 700 nm channel, red).800 fluorescence image was captured using the Infrared Imaging System developed by LI-COR. IRDye is a trademark of LI-COR, Inc. Other detection systems will yield similar results.

